

BehavePlus Fire Modeling System



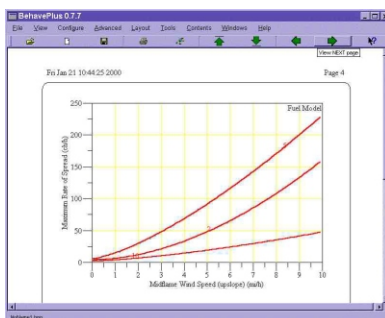
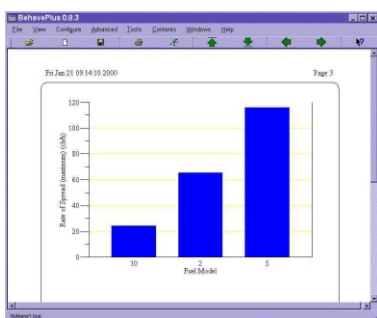
USDA-FS Fire Behavior Research, Fire and Aviation Management
Systems for Environmental Management
Joint Fire Sciences Program

What is it ?

- * Computer program for fire behavior, fire effects, and the fire environment
- * Tables, graphs, diagram outputs
- * Help screens and variable definitions

What type of information will you find ?

- * Surface fire spread rate, flame length, intensity
- * Crown fire initiation and spread rate
- * Safety zone size
- * Size of a point source fire
- * Fire containment by suppression action
- * Spotting distance
- * Crown scorch height
- * Tree mortality
- * Probability of ignition



Fuel Model	Flame Length (m)	Flame Height (m)	Fire Area (m²)	Fire Perimeter (m)
10	24.1	8.4	19.7	50
2	65.4	8.1	145.4	127
5	116.1	13.6	457.2	278

How can it help you ?

- * Fire behavior prediction
- * Prescribed fire planning
- * Fire hazard assessment
- * Training

Interested ?

CHECK www.fire.org